ELSEVIER

Mechanisms of Ageing and Development
100 (1998) 329–330

mechanisms of ageing and development

Author index

Volume 100 (1998)

Abdel-Majid, K. **100**, 25
Aksenova, M.V. **100**, 157
Aksenov, M.Y. **100**, 157
Ambrogini, P. **100**, 299
Amicarelli, F. **100**, 261
Antico, L. **100**, 197

Barattini, P. **100**, 197
Barbara, A. **100**, 25
Barletta, A. **100**, 59
Bartholomeus, I.G. **100**, 53
Bartoloni, C. **100**, 197
Bellini, C. **100**, 169
Bernd, A. **100**, 17
Blaher, B. **100**, 121
Bonioli, E. **100**, 169
Borojevic, R. **100**, 107
Borsatto, B. **100**, 77
Bosman, G.J. **100**, 53
Bourgeois, F. **100**, 277
Brunk, U.T. **100**, 145
Bryl, E. **100**, 313
Buffi, O. **100**, 299
Butterfield, D.A. **100**, 157

Carney, J.M. **100**, 157
Carrión-Gutiérrez, M.A. **100**, 17
Cecchini, T. **100**, 299
Ciaroni, S. **100**, 299
Colafarina, S. **100**, 261
Costanzo, M. **100**, 197

Dakhli, T. **100**, 277
Díaz-Alperi, J. **100**, 17
de Arruda Cardoso Smith, M. **100**, 77
De Grip, W.J. **100**, 53
Del Grande, P. **100**, 299
De Man, A.J. **100**, 53
Díez, A. **100**, 17
Di Ilio, C. **100**, 261
Doria, G. **100**, 197

Elalouf, J.-M. **100**, 277
Errani, A. **100**, 197
Esler, M. **100**, 121

Fellmann, D. **100**, 277
Fleming, J.E. **100**, 221
Foerster, J. **100**, 313
Frasca, D. **100**, 197
Fukuda, M. **100**, 1
Fukuwatari, Y. **100**, 67
Furuichi, Y. **100**, 133

García-Bravo, M. **100**, 41
Garcez, E.M. **100**, 77
Gherzi, R. **100**, 169
Goso, C. **100**, 197
Goto, M. **100**, 133
Goya, R.G. **100**, 41
Guidi, L. **100**, 197

Habib, M. **100**, 25
Hardouin, S. **100**, 277
Hayashi, T. **100**, 231
Herr, C.M. **100**, 221
Hirokawa, K. **100**, 177
Hobbs, G.R. **100**, 269
Holloszy, J.O. **100**, 211

Igal, A. **100**, 41
Iossa, S. **100**, 59

Jennings, G. **100**, 121
Jian-Gang, Z. **100**, 187
Jian-Ying, Y. **100**, 187

Kimura, N. **100**, 133
Kizaki, T. **100**, 67
Kobayashi, S. **100**, 177
Koziol, C. **100**, 107

Lin, H. **100**, 187
Lionetti, L. **100**, 59
Liverini, G. **100**, 59
Long, Q. **100**, 187

Mazzeo, R.S. **100**, 121
Miquel, J. **100**, 17
Miranda, M. **100**, 261
Mitrovic, D. **100**, 25
Miyazawa, T. **100**, 231
Moalic, J.-M. **100**, 277
Mollica, M.P. **100**, 59
Müller, W.E. **100**, 107
Myśliwska, J. **100**, 313
Myśliwski, A. **100**, 313

Nielsen, H.M. **100**, 243
Nishida, M. **100**, 67

Ohashi, M. **100**, 1
Oh-ishi, S. **100**, 67
Ohno, H. **100**, 67
Olsen, Y. **100**, 221
Ookawara, T. **100**, 67
Oubenaissa, A. **100**, 277
Oudes, A.J. **100**, 221

PII S0047-6374(97)00156-5

Peres, C.A. **100**, 77
Polo, M. **100**, 41
Pucci, S. **100**, 197

Quintanilla-Almagro, E. **100**, 17
Quintanilla-Ripoll, E. **100**, 17

Raji, N.S. **100**, 85
Rajkumar, C. **100**, 121
Ramirez-Boscá, A. **100**, 17
Rao, K.S. **100**, 85
Ribault, D. **100**, 25
Riggs, J.E. **100**, 269
Rizzo, G. **100**, 197
Rolland, J. **100**, 121
Rubin, H. **100**, 209

Sacchetta, P. **100**, 261
Satoh, M. **100**, 133
Segawa, M. **100**, 67
Shu-Qi, C. **100**, 187
Shu-Ying, C. **100**, 187
Skalicky, M. **100**, 243
Soler, A. **100**, 17
Stefania Angelucci **100**, 261
Steffen, R. **100**, 107
Sugimoto, M. **100**, 133
Swynghedauw, B. **100**, 277

Tacconi-Gómez Dumm, I.N. **100**, 41
Taguchi, T. **100**, 1
Terman, A. **100**, 145
Toda, T. **100**, 1, 133
Toraasson, M. **100**, 277
Tricerri, A. **100**, 197

Ueno, N. **100**, 67
Utsuyama, M. **100**, 177

Van der Linden, P.A. **100**, 53
Van Kalmthout, P.J. **100**, 53
Viidik, A. **100**, 243

Yong-Xing, M. **100**, 187
Yue, Z. **100**, 187

Zan-Sun, W. **100**, 187
Zheng-Yan, Y. **100**, 187

ELSEVIER

Mechanisms of Ageing and Development
100 (1998) 331–335

mechanisms of ageing and development

Subject index

Volume 100 (1998)

Activation energy; Rat; Aging; Physical training; Tendon; Biomechanics **100**, 243

β-Adrenergic and muscarinic receptor mRNA; Heart; Sino-atrial node; Senescence **100**, 277

Advanced glycation end-products; *Drosophila melanogaster*; Aminoguanidine HCl; Ageing **100**, 221

Ageing; Advanced glycation end-products; *Drosophila melanogaster*; Aminoguanidine HCl **100**, 221

Ageing; Cell proliferation; Ku protein **100**, 197

Ageing; IL6; IL2; Health status **100**, 313

Aging; Alzheimer; Anion exchanger; Biomarker; Dementia; Erythrocyte; Immunoglobulin G **100**, 53

Aging; Cardiac myocytes; Lipofuscin; Lysosomes; Protease inhibitors; Oxidative stress **100**, 145

Aging; Chemiluminescence detection–HPLC; Hepatocytes; Lipid peroxidation; Lipid peroxides; Microsomes; Plasma membranes **100**, 231

Aging; Dietary restriction; Oxidative stress; Protein oxidation; Creatine kinase; Glutamine synthetase **100**, 157

Aging; Down's syndrome; Chromosome 21; Polyploidy; Poisson regression **100**, 77

Aging; Epidermal growth factor; Rat articular chondrocytes; DNA synthesis; EGF-receptor; EGF- and EGF-receptor mRNAs expressions **100**, 25

Aging; Genetic obesity; Brown adipose tissue; Uncoupling protein; Guanosine 5′-diphosphate binding **100**, 67

Aging; HMG–CoA reductase; Liver; Circadian rhythm; Mammary tumors; Lipid composition; Pituitary hormones **100**, 41

Aging; Longevity; Behavior pattern; Arterial partial pressure of oxygen; Chromosomal aberrations; Sister chromatid exchanges; Superoxide dismutase; Micro-blood-flow **100**, 187

Aging; Longitudinal Gompertzian analysis; Mortality; Statistics **100**, 269

Aging; Rat; Physical training; Tendon; Biomechanics; Activation energy **100**, 243

Aging; T cells; Proliferation **100**, 121

Aging; Thymus; Hypothalamus; Growth hormone; Growth hormone releasing hormone; Growth hormone release inhibitory hormone **100**, 177

Alzheimer; Aging; Anion exchanger; Biomarker; Dementia; Erythrocyte; Immunoglobulin G **100**, 53

Aminoguanidine HCl; Advanced glycation end-products; *Drosophila melanogaster*; Ageing **100**, 221

PII S0047-6374(97)00157-7

Anion exchanger; Aging; Alzheimer; Biomarker; Dementia; Erythrocyte; Immunoglobulin G **100**, 53

AP-1; Fibroblasts; Binding activity; GO17 **100**, 169

Arterial partial pressure of oxygen; Longevity; Aging; Behavior pattern; Chromosomal aberrations; Sister chromatid exchanges; Superoxide dismutase; Micro-blood-flow **100**, 187

Atherogenesis; Lipid peroxides; Free radicals; Atherosclerosis **100**, 17

Atherosclerosis; Lipid peroxides; Free radicals; Atherogenesis **100**, 17

Behavior pattern; Longevity; Aging; Arterial partial pressure of oxygen; Chromosomal aberrations; Sister chromatid exchanges; Superoxide dismutase; Micro-blood-flow **100**, 187

Binding activity; AP-1; Fibroblasts; GO17 **100**, 169

Biomarker; Aging; Alzheimer; Anion exchanger; Dementia; Erythrocyte; Immunoglobulin G **100**, 53

Biomechanics; Rat; Aging; Physical training; Tendon; Activation energy **100**, 243

Body weight; Food intake; Maximal lifespan; Wheel running **100**, 211

Brown adipose tissue; Aging; Genetic obesity; Uncoupling protein; Guanosine 5′-diphosphate binding **100**, 67

Bufo bufo; Glyoxalase; Embryo development; Cell proliferation; Cell differentiation **100**, 261

Cardiac myocytes; Aging; Lipofuscin; Lysosomes; Protease inhibitors; Oxidative stress **100**, 145

Cell differentiation; Glyoxalase; *Bufo bufo*; Embryo development; Cell proliferation **100**, 261

Cell lineages; *Suberites domuncula*; *Geodia cydonium*; Senescence; Telomeres; Telomerase **100**, 107

Cell proliferation; Ageing; Ku protein **100**, 197

Cell proliferation; Glyoxalase; *Bufo bufo*; Embryo development; Cell differentiation **100**, 261

Chemiluminescence detection–HPLC; Aging; Hepatocytes; Lipid peroxidation; Lipid peroxides; Microsomes; Plasma membranes **100**, 231

Chromosomal aberrations; Longevity; Aging; Behavior pattern; Arterial partial pressure of oxygen; Sister chromatid exchanges; Superoxide dismutase; Micro-blood-flow **100**, 187

Chromosome 21; Down's syndrome; Aging; Polyploidy; Poisson regression **100**, 77

Circadian rhythm; HMG–CoA reductase; Aging; Liver; Mammary tumors; Lipid composition; Pituitary hormones **100**, 41

Creatine kinase; Aging; Dietary restriction; Oxidative stress; Protein oxidation; Glutamine synthetase **100**, 157

Dementia; Aging; Alzheimer; Anion exchanger; Biomarker; Erythrocyte; Immunoglobulin G **100**, 53

Dietary restriction; Aging; Oxidative stress; Protein oxidation; Creatine kinase; Glutamine synthetase **100**, 157

DNA polymerase; DNA replication; 3′→5′ Exonuclease; Eukaryote; Proofreading; Fidelity of DNA synthesis **100**, 1

DNA-polymerases; Down's syndrome; DNA-repair; Unscheduled DNA synthesis; Premature aging; DNases **100**, 85

DNA-repair; Down's syndrome; Unscheduled DNA synthesis; Premature aging; DNA-polymerases; DNases **100**, 85

DNA replication; DNA polymerase; 3′→5′ Exonuclease; Eukaryote; Proofreading; Fidelity of DNA synthesis **100**, 1

DNases; Down's syndrome; DNA-repair; Unscheduled DNA synthesis; Premature aging; DNA-polymerases **100**, 85

DNA synthesis; Aging; Epidermal growth factor; Rat articular chondrocytes; EGF-receptor; EGF- and EGF-receptor mRNAs expressions **100**, 25

Down's syndrome; Chromosome 21; Aging; Polyploidy; Poisson regression **100**, 77

Down's syndrome; DNA-repair; Unscheduled DNA synthesis; Premature aging; DNA-polymerases; DNases **100**, 85

Drosophila melanogaster; Advanced glycation end-products; Aminoguanidine HCl; Ageing **100**, 221

EGF- and EGF-receptor mRNAs expressions; Aging; Epidermal growth factor; Rat articular chondrocytes; DNA synthesis; EGF-receptor **100**, 25

EGF-receptor; Aging; Epidermal growth factor; Rat articular chondrocytes; DNA synthesis; EGF- and EGF-receptor mRNAs expressions **100**, 25

Embryo development; Glyoxalase; *Bufo bufo*; Cell proliferation; Cell differentiation **100**, 261

Epidermal growth factor; Aging; Rat articular chondrocytes; DNA synthesis; EGF-receptor; EGF- and EGF-receptor mRNAs expressions **100**, 25

Erythrocyte; Aging; Alzheimer; Anion exchanger; Biomarker; Dementia; Immunoglobulin G **100**, 53

Eukaryote; DNA polymerase; DNA replication; 3′→5′ Exonuclease; Proofreading; Fidelity of DNA synthesis **100**, 1

3′→5′ Exonuclease; DNA polymerase; DNA replication; Eukaryote; Proofreading; Fidelity of DNA synthesis **100**, 1

Fibroblasts; AP-1; Binding activity; GO17 **100**, 169

Fibroblasts; Werner's syndrome; Proteins; Two-dimensional gel electrophoresis; Protein database; In vitro aging **100**, 133

Fidelity of DNA synthesis; DNA polymerase; DNA replication; 3′→5′ Exonuclease; Eukaryote; Proofreading **100**, 1

Food intake; Body weight; Maximal lifespan; Wheel running **100**, 211

Free radicals; Lipid peroxides; Atherosclerosis; Atherogenesis **100**, 17

Genetic obesity; Aging; Brown adipose tissue; Uncoupling protein; Guanosine 5′-diphosphate binding **100**, 67

Geodia cydonium; *Suberites domuncula*; Senescence; Telomeres; Telomerase; Cell lineages **100**, 107

Glia; Neocortex development; Neurons; Methylazoxymethanol **100**, 299

Glutamine synthetase; Aging; Dietary restriction; Oxidative stress; Protein oxidation; Creatine kinase **100**, 157

Glyoxalase; *Bufo bufo*; Embryo development; Cell proliferation; Cell differentiation **100**, 261

GO17; AP-1; Fibroblasts; Binding activity **100**, 169

Growth hormone release inhibitory hormone; Thymus; Hypothalamus; Growth hormone; Growth hormone releasing hormone; Aging **100**, 177

Growth hormone releasing hormone; Thymus; Hypothalamus; Growth hormone; Growth hormone release inhibitory hormone; Aging **100**, 177

Growth hormone; Thymus; Hypothalamus; Growth hormone releasing hormone; Growth hormone release inhibitory hormone; Aging **100**, 177

Guanosine 5′-diphosphate binding; Aging; Genetic obesity; Brown adipose tissue; Uncoupling protein **100**, 67

Health status; IL6; IL2; Ageing **100**, 313

Heart; β-Adrenergic and muscarinic receptor mRNA; Sino-atrial node; Senescence **100**, 277

Hepatocytes; Aging; Chemiluminescence detection–HPLC; Lipid peroxidation; Lipid peroxides; Microsomes; Plasma membranes **100**, 231

HMG–CoA reductase; Aging; Liver; Circadian rhythm; Mammary tumors; Lipid composition; Pituitary hormones **100**, 41

Hypothalamus; Thymus; Growth hormone; Growth hormone releasing hormone; Growth hormone release inhibitory hormone; Aging **100**, 177

IL2; IL6; Ageing; Health status **100**, 313

IL6; IL2; Ageing; Health status **100**, 313

Immunoglobulin G; Aging; Alzheimer; Anion exchanger; Biomarker; Dementia; Erythrocyte **100**, 53

In vitro aging; Werner's syndrome; Fibroblasts; Proteins; Two-dimensional gel electrophoresis; Protein database **100**, 133

Ku protein; Ageing; Cell proliferation **100**, 197

Lipid composition; HMG–CoA reductase; Aging; Liver; Circadian rhythm; Mammary tumors; Pituitary hormones **100**, 41

Lipid peroxidation; Aging; Chemiluminescence detection–HPLC; Hepatocytes; Lipid peroxides; Microsomes; Plasma membranes **100**, 231

Lipid peroxides; Aging; Chemiluminescence detection–HPLC; Hepatocytes; Lipid peroxidation; Microsomes; Plasma membranes **100**, 231

Lipid peroxides; Free radicals; Atherosclerosis; Atherogenesis **100**, 17

Lipofuscin; Aging; Cardiac myocytes; Lysosomes; Protease inhibitors; Oxidative stress **100**, 145

Liver; HMG–CoA reductase; Aging; Circadian rhythm; Mammary tumors; Lipid composition; Pituitary hormones **100**, 41

Longevity; Aging; Behavior pattern; Arterial partial pressure of oxygen; Chromosomal aberrations; Sister chromatid exchanges; Superoxide dismutase; Micro-blood-flow **100**, 187

Longitudinal Gompertzian analysis; Aging; Mortality; Statistics **100**, 269

Lysosomes; Aging; Cardiac myocytes; Lipofuscin; Protease inhibitors; Oxidative stress **100**, 145

Mammary tumors; HMG–CoA reductase; Aging; Liver; Circadian rhythm; Lipid composition; Pituitary hormones **100**, 41

Maturation; Mitochondria; Oxygen consumption **100**, 59

Maximal lifespan; Body weight; Food intake; Wheel running **100**, 211

Methylazoxymethanol; Neocortex development; Neurons; Glia **100**, 299

Micro-blood-flow; Longevity; Aging; Behavior pattern; Arterial partial pressure of oxygen; Chromosomal aberrations; Sister chromatid exchanges; Superoxide dismutase **100**, 187

Microsomes; Aging; Chemiluminescence detection–HPLC; Hepatocytes; Lipid peroxidation; Lipid peroxides; Plasma membranes **100**, 231

Mitochondria; Maturation; Oxygen consumption **100**, 59

Mortality; Aging; Longitudinal Gompertzian analysis; Statistics **100**, 269

Neocortex development; Neurons; Glia; Methylazoxymethanol **100**, 299

Neurons; Neocortex development; Glia; Methylazoxymethanol **100**, 299

Oxidative stress; Aging; Cardiac myocytes; Lipofuscin; Lysosomes; Protease inhibitors **100**, 145

Oxidative stress; Aging; Dietary restriction; Protein oxidation; Creatine kinase; Glutamine synthetase **100**, 157

Oxygen consumption; Maturation; Mitochondria **100**, 59

Physical training; Rat; Aging; Tendon; Biomechanics; Activation energy **100**, 243

Pituitary hormones; HMG–CoA reductase; Aging; Liver; Circadian rhythm; Mammary tumors; Lipid composition **100**, 41

Plasma membranes; Aging; Chemiluminescence detection–HPLC; Hepatocytes; Lipid peroxidation; Lipid peroxides; Microsomes **100**, 231

Poisson regression; Down's syndrome; Chromosome 21; Aging; Polyploidy **100**, 77

Polyploidy; Down's syndrome; Chromosome 21; Aging; Poisson regression **100**, 77

Premature aging; Down's syndrome; DNA-repair; Unscheduled DNA synthesis; DNA-polymerases; DNases **100**, 85

Proliferation; Aging; T cells **100**, 121

Proofreading; DNA polymerase; DNA replication; 3′→5′ Exonuclease; Eukaryote; Fidelity of DNA synthesis **100**, 1

Protease inhibitors; Aging; Cardiac myocytes; Lipofuscin; Lysosomes; Oxidative stress **100**, 145

Protein database; Werner's syndrome; Fibroblasts; Proteins; Two-dimensional gel electrophoresis; In vitro aging **100**, 133

Protein oxidation; Aging; Dietary restriction; Oxidative stress; Creatine kinase; Glutamine synthetase **100**, 157

Proteins; Werner's syndrome; Fibroblasts; Two-dimensional gel electrophoresis; Protein database; In vitro aging **100**, 133

Rat; Aging; Physical training; Tendon; Biomechanics; Activation energy **100**, 243

Rat articular chondrocytes; Aging; Epidermal growth factor; DNA synthesis; EGF-receptor; EGF- and EGF-receptor mRNAs expressions **100**, 25

Senescence; β-Adrenergic and muscarinic receptor mRNA; Heart; Sino-atrial node **100**, 277

Senescence; *Suberites domuncula*; *Geodia cydonium*; Telomeres; Telomerase; Cell lineages **100**, 107

Sino-atrial node; β-Adrenergic and muscarinic receptor mRNA; Heart; Senescence **100**, 277

Sister chromatid exchanges; Longevity; Aging; Behavior pattern; Arterial partial pressure of oxygen; Chromosomal aberrations; Superoxide dismutase; Micro-blood-flow **100**, 187

Statistics; Aging; Longitudinal Gompertzian analysis; Mortality **100**, 269

Suberites domuncula; *Geodia cydonium*; Senescence; Telomeres; Telomerase; Cell lineages **100**, 107

Superoxide dismutase; Longevity; Aging; Behavior pattern; Arterial partial pressure of oxygen; Chromosomal aberrations; Sister chromatid exchanges; Micro-blood-flow **100**, 187

T cells; Aging; Proliferation **100**, 121

Telomerase; *Suberites domuncula*; *Geodia cydonium*; Senescence; Telomeres; Cell lineages **100**, 107

Telomeres; *Suberites domuncula*; *Geodia cydonium*; Senescence; Telomerase; Cell lineages **100**, 107

Tendon; Rat; Aging; Physical training; Biomechanics; Activation energy **100**, 243

Thymus; Hypothalamus; Growth hormone; Growth hormone releasing hormone; Growth hormone release inhibitory hormone; Aging **100**, 177

Two-dimensional gel electrophoresis; Werner's syndrome; Fibroblasts; Proteins; Protein database; In vitro aging **100**, 133

Uncoupling protein; Aging; Genetic obesity; Brown adipose tissue; Guanosine 5′-diphosphate binding **100**, 67

Unscheduled DNA synthesis; Down's syndrome; DNA-repair; Premature aging; DNA-polymerases; DNases **100**, 85

Werner's syndrome; Fibroblasts; Proteins; Two-dimensional gel electrophoresis; Protein database; In vitro aging **100**, 133

Wheel running; Body weight; Food intake; Maximal lifespan **100**, 211